

## ABSTRACT

The present invention is directed to a training system comprising at least one real asset having real asset data, a transceiver coupled to the real asset, at least one simulator adapted to simulate an asset; and a bridge coupled between the at least one simulator and the transceiver, whereby training can be carried out using both the at least one real asset and the simulated asset in concert. The bridge uses a piecewise polynomial interpolation algorithm to transform the real asset data into the proper format for use in the simulated environment. The present invention is also directed to the real asset-to-simulated environment bridge itself and a method of providing a bridge between at least one real asset and a simulated environment.